

**Notice of Allowability**

Application No.

10/676,759

Examiner

Tanh Q. Nguyen

Applicant(s)

DWORK ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to communications filed 10/01/03, 02/20/04, 04/23/04.
2. ☒ The allowed claim(s) is/are 1-41.
3. ☒ The drawings filed on 01 October 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 10/01/03, 02/20/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

***Allowable Subject Matter***

1. The following is an examiner's statement of reasons for allowance:

the prior art (e.g. Garrett et al - USP 6,049,842; Calhoun et al. - USP 6,529,945; Yu et al. - USP 6,070,194; O'Toole et al. - USP 5,828,901), individually or in combination, does not teach a control status block in the shared memory, the control status block comprising an incoming data status pointer indicating a location of an incoming data status entry in the incoming data status ring, wherein the incoming data status pointer indicates a number of incoming data buffers from which the host can read incoming data.

the prior art (e.g. Garrett et al - USP 6,049,842; Calhoun et al. - USP 6,529,945; Yu et al. - USP 6,070,194; O'Toole et al. - USP 5,828,901), individually or in combination, does not teach a control status block in the shared memory, the control status block comprising a plurality of incoming data status pointers, the incoming data status pointers being individually associated with a corresponding incoming data priority and indicating a location of an incoming data status entry in a corresponding incoming data status ring, wherein the incoming data status pointers individually indicate a number of incoming data buffers from which the host can read incoming data associated with the corresponding incoming data priority.

the prior art (e.g. Garrett et al - USP 6,049,842; Calhoun et al. - USP 6,529,945; Yu et al. - USP 6,070,194; O'Toole et al. - USP 5,828,901), individually or in combination, does not teach providing a control status block in the shared memory, the control status block comprising an incoming data status pointer indicating a location of

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an incoming data status entry in the incoming data status ring, and updating the incoming data status pointer to indicate a number of incoming data buffers from which the host can read incoming data.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tanh Quang Nguyen whose telephone number is (571) 272-4154 and whose e-mail address is [tanh.nguyen36@uspto.gov](mailto:tanh.nguyen36@uspto.gov). The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici, can be reached on (571) 272-4083. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306 for After Final, Official, and Customer Services, or (571) 273-4154 for Draft to the Examiner (please label "PROPOSED" or "DRAFT").

Effective May 1, 2003 are new mailing address is:

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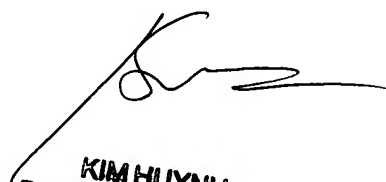
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Effective December 1, 2003, hand-carried patent application related incoming correspondences will be to a centralized location.

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KIM HUYNH  
PRIMARY EXAMINER  
6/27/05

TQN  
June 25, 2005